Merrychef 401 - 240 Volts 50HZ - All Models

Recommended Parts List **Recommended Minimum Stock Holding & Service Kits**

Service Manual Exploded View	Part Number	Description	Qty Per Oven	Unit	1-5 Ovens	5-50 Ovens	50-100 Ovens	1st Aid/To Go Box	Service Centre Kit
108	11Z0298	15 WAY 0.1 RIBBON CABLE ASSY	1	EA	1	3	6		1
79	20Z1080	FUSE COVER	2	EA	2	6	12		2
64	30Z0088	THERMAL TRIP 140 DEG (MAGNETRON)	1	EA	1	3	6	1	1
80	30Z0217	FUSE 1in 10A HRC	4	EA	4	12	24	4	4
81	30Z0231	FUSEHOLDER 1in (13A)	2	EA	2	6	12		2
82	30Z0456	FUSE 1IN 13A HRC	1	EA	1	3	6	4	4
	30Z0470	FUSE 5x20mm 1A A/S (PCB FUSE)	2	EA	2	6	12	4	4
97	30Z0503	SWITCH ON/OFF ROCKER DPST	1	EA	1	3	6	1	1
69	30Z1031	THERMAL TRIP 200C (CAVITY OVERHEAT)	1	EA	1	3	6	1	1
77-78	30Z1340	FILTER 16A SCREW MOUNT	2	EA	2	6	12		2
74	30Z1419	TEMPERATURE SENSOR	1	EA	1	3	6	1	1
55-56-57-58	30Z1459	MICROSWITCH	4	EA	4	12	24	4	4
61	31Z0042	FOAM TAPE - Per MTR	1	MT	1	3	6	1	1
59	31Z0115	INSULATOR PAD	3	EA	3	9	18		
111	31Z0328	3-WAY TERMINAL BLOCK	1	EA	1	3	6		1
	31Z0623	GOLD RESISTOR 270R	1	EA	1	3	6		
43	31Z3150	M4X8 LOW PROFILE PH SCREW	14	EA	14	42	84		
	31Z5044	RFI GASKET 25.4MM X 11.51MM	2	EA	2	2	4		
107	31Z7010	STAND-OFF - PCB	5	EA	5	5	10		
104	40H0084	PCB RETAINER RH	1	EA	1	1	2		
136	40H0236	BLANKING PLATE BAFFLE	1	EA	1	1	2		
23	40H0249	CAST TURNTABLE DISK	1	EA	1	2	4		1
	40H0347	CAST COOKING CAROUSEL	1	EA	1	2	4		1
24	CP30326	BAFFLE PLATE BOLT	4	EA	4	12	24	4	4
	DR0056	CHROMIUM PLATED STEEL RACK	1	EA	1	3	6		1
137	DX0146	SCREW CAT COVER	3	EA	3	9	18		
14	MC30121X02	HINGE BODY	1	EA	1	1	2		
18	MC30122X01	HINGE BODY (L/H)	1	EA	1	1	2		
13	MC3040	DOOR STAY (RH)	1	EA	1	1	2		
20	MC3046	DOOR STAY (L/H)	1	EA	1	1	2		
11	MC3047	FRONT LOWER PANEL	1	EA	1	1	2		
47	MC3064X01	DOOR COVER	1	EA	1	1	2		
52	MC3065	DOOR SEAL - PACKING B	1	EA	1	1	2	1	1
19	MC3067	DOOR SPRING "A"	2	EA	2	6	12		
17	MC3068X01	DOOR SPRING "B"	2	EA	2	6	12		
27	MC3111	FAN	1	EA	1	3	6		1
3	MC3120MC	UPPER TRIM	1	EA	1	3	6		
105	MC31211	SIDE TRIM LH	1	EA	1	1	2		
105A	MC31212	SIDE TRIM RH	1	EA	1	1	2		
12	MC3122	LOWER TRIM	1	EA	1	1	2		
6	MC3129	REAR PANEL	1	EA	1	2	4		
1	MC3134	SIDE PANEL (L/H)	1	EA	1	1	2		
7	MC3155	AIR FILTER	1	EA	1	3	6		1
	MC3175	OVEN TRAY	1	EA	1	3	6		1
	MC3215MOD	TRAY HANDLE	1	EA	1	3	6		1
31	MC3216	GEARBOX	1	EA	1	3	6	1	1
53	MC3229	SOLID REAR DOOR COVER	1	EA	1	3	6		
30	MC3750MC	S/S OVEN BODY (NOT SUPPLIED FOR FIELD REPAIRES)	1	EA	1	3	6		
25	MC3765	S/STEEL BAFFLE PLATE	1	EA	1	3	6		
37	P10H0126	HOT AIR MOTOR	1	EA	1	3	6		1
28	P11H0130	400 SERIES CERAMIC PLATE KIT	1	EA	1	3	6	1	1
63	P30Z1349	MAGNETRON 2M248H-B	1	EA	1	3	6	1	1
38	RBR1285048	SILVER DOOR HANDLE	1	EA	1	2	4	1	1
9	RCK6319	HANDLE HANGER	1	EA	1	2	4		
26	RCK7617	FAN FIXING CAP	1	EA	1	2	4		1
35	RCK8273	CUSHION RUBBER (MOTOR ASSY)	4	EA	4	8	16		4
10	RMC6104	RUBBER FOOT	4	EA	4	8	16		
2	RMC6773	FERRITE	1	EA	1	2	4		
33	RMC7310	COOLING FAN	1	EA	1	2	4		1
32	RMC7391X01	SHAFT	1	EA	1	2	4		1

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Merrychef 401 - 240 Volts 50HZ - All Models

Recommended Parts List | **Recommended Minimum Stock Holding & Service Kits**

Service Manual Exploded View	Part Number	Description	Qty Per Oven	Unit	1-5 Ovens	5-50 Ovens	50-100 Ovens	1st Aid/To Go Box	Service Centre Kit
	Merrychef RD401 CD2 - 230Volts 50Hz - UK - Unique Parts								
122	30Z0991	TIMER - MEALSTREAM CD	1	EA	1	3	6		
76	30Z1331	1.0uF 2500V CAPACITOR	1	EA	1	3	6	1	2
117	310010	FAN 80MM 240V AXIAL	1	EA	1	3	6		1
126	316030	NEON RED 240V	1	EA	1	3	6		
123	316031	NEON AMBER 240V	1	EA	1	3	6		
113	31Z0220	MOLDED PLUG & CABLE (EE5 13A)	1	EA	1	3	6		
125	31Z0349	PUSHBUTTON DPST MOMENTARY RED	1	EA	1	3	6		
116	31Z1036	STRAIN RELIEF BUSHIN	1	EA	1	3	6		
127	40C0892	POTENTIOMETER	2	EA	2	6	12		
73	40H0009	HEATER ELEMENT 240V 3KW	1	EA	1	1	2	1	1
8	MC3133	SIDE PANEL (R/H)	1	EA	1	3	6		
22	MC3230X02	SOLID DOOR ASSY	1	EA	1	3	6		
124E	P11C0406	CONTROL KNOB ASSY GREY	3	EA	3	3	6		
75	P11H0010	HT DIODE ASSY	1	EA	1	3	6	1	1
89	P11H0025	FILTER WIRE ASSY	1	EA	1	2	4	1	1
121	P11H0027	MICROAIRE CD2 **LOGIC** PCB ASSY	1	EA	1	2	4		1
	P11H0059	MICROAIRE CD2 CONTROL ASSY BLUE	1	EA	1	2	4		
	P11H0079	SUPPRESSOR ASSY (EC401 CTRL)	1	EA	1	2	4		
66	P11H0091	BLOWER ASSEMBLY	1	EA	1	2	4		1
90	P30Z1233	50HZ TRANS MULTI 220 240	1	EA	1	3	6	1	1
4	RMC6759E	TOP PLATE	1	EA	1	2	4		
	Merrychef EC401 EE5 - 230Volts 50Hz - UK - Unique Parts								
102	30Z0283	470R 50W 5% AC	1	EA	1	3	6	1	2
76	30Z1331	1.0uF 2500V CAPACITOR	1	EA	1	3	6	1	2
117	310010	FAN 80MM 240V AXIAL	1	EA	1	3	6		1
113	31Z0220	MOLDED PLUG & CABLE (EE5 13A)	1	EA	1	3	6		
113	31Z0604	PLUG+LEAD 2M RUBBER UK (NOTE-1 BELOW)	1	EA	1	3	6		
116	31Z1036	STRAIN RELIEF BUSHIN	1	EA	1	3	6		
112	31Z1070	CABLE GLAND POZ16 (NOTE-1 BELOW)	1	EA	1	3	6		
112A	31Z1082	CABLE GLAND NUT GM16 (NOTE-1 BELOW)	1	EA	1	3	6		
70	341520	BRIDGE RECTIFIER 25A 800V	1	EA	1	3	6		
73	40H0009	HEATER ELEMENT 240V 3KW	1	EA	1	1	2	1	1
8	MC3133	SIDE PANEL (R/H)	1	EA	1	3	6		
22	MC3230X02	SOLID DOOR ASSY	1	EA	1	3	6		
103	P11C0286	MICROAIRE SERIES 5 **RELAY** ASSY	1	EA	1	3	6		1
75	P11H0010	HT DIODE ASSY	1	EA	1	3	6	1	1
89	P11H0025	FILTER WIRE ASSY	1	EA	1	2	4		
95	P11H0060	MEMBRANE ASSY BLUE	1	EA	1	2	4		1
98	P11H0066	401 EC **MK LOGIC** PCB ASSY	1	EA	1	2	4		1
	P11H0079	SUPPRESSOR ASSY (EC401 CTRL)	1	EA	1	2	4		
66	P11H0091	BLOWER ASSEMBLY	1	EA	1	2	4		1
90	P30Z1233	50HZ TRANS MULTI 220 240	1	EA	1	3	6	1	1
4	RMC6759E	TOP PLATE	1	EA	1	2	4		
	Merrychef EC401 XE5 - 230Volts 50Hz - UK - Unique Parts								
102	30Z0283	470R 50W 5% AC	1	EA	1	3	6	1	2
76	30Z1331	1.0uF 2500V CAPACITOR	1	EA	1	3	6	1	2
117	310010	FAN 80MM 240V AXIAL	1	EA	1	3	6		1
	31Z0387	32A (BLUE) SINGLE PHASE PLUG	1	EA	1	3	6		
112	31Z1070	CABLE GLAND POZ16 (NOTE-1 BELOW)	1	EA	1	1	2		
112A	31Z1082	CABLE GLAND NUT GM16 (NOTE-1 BELOW)	1	EA	1	1	2		
70	341520	BRIDGE RECTIFIER 25A 800V	1	EA	1	3	6		
73	40H0009	HEATER ELEMENT 240V 3KW	1	EA	1	1	2	1	1
8	MC3133	SIDE PANEL (R/H)	1	EA	1	3	6		
22	MC3230X02	SOLID DOOR ASSY	1	EA	1	3	6		
131	P10C0148	MENUKEY ASSEMBLY	1	EA	1	3	6		
75	P11H0010	HT DIODE ASSY	1	EA	1	3	6	1	1
89	P11H0025	FILTER WIRE ASSY	1	EA	1	2	4		
98	P11H0066	401 EC **MK LOGIC** PCB ASSY	1	EA	1	2	4		1
95	P11H0067	401 EC MK MEMBRANE PANEL ASSY	1	EA	1	2	4		1
103	P11H0077	401 - S/STATE **RELAY** PCB ASSY	1	EA	1	2	4		1
	P11H0079	SUPPRESSOR ASSY (EC401 CTRL)	1	EA	1	2	4		
135-136A-137	P11H0086	EC403 CAT ASSY (REMOVABLE)	1	EA	1	2	4		1
66	P11H0091	BLOWER ASSEMBLY	1	EA	1	2	4		1
90	P30Z1233	50HZ TRANS MULTI 220 240	1	EA	1	3	6	1	1
4	RMC6759E	TOP PLATE	1	EA	1	2	4		

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Merrychef 401 - 240 Volts 50HZ - All Models

Recommended Parts List **Recommended Minimum Stock Holding & Service Kits**

Service Manual Exploded View	Part Number	Description	Qty Per Oven	Unit	1-5 Ovens	5-50 Ovens	50-100 Ovens	1st Aid/To Go Box	Service Centre Kit
		Merrychef EC401 XX5 - 230Volts 50Hz - UK/EU/INT - Unique Parts							
	10H0062	401/3 XX5 2P SUPPLY KIT 2P+N+E (AUSTRALIA ONLY)	2	EA	1	3	6		
115a	10H0063	401/3 XX5 2P SUPPLY KIT 2P+N+E	1	EA	1	3	6		
115	10H0065	401/3 XX5 SUPPLY KIY 1P+N+E	1	EA	1	2	4		
102	30Z0283	470R 50W 5% AC	2	EA	2	6	12	1	2
128	30Z1128	230V 50Hz SCROLL FAN (MAG COOLING)	1	EA	1	3	6		1
76	30Z1329	0.75uF CAPACITOR 2500V	2	EA	2	6	12	1	2
117	310010	FAN 80MM 240V AXIAL	2	EA	2	6	12		1
112	31Z1070	CABLE GLAND POZ16 (NOTE-1 BELOW)	1	EA	1	3	6		
112A	31Z1082	CABLE GLAND NUT GM16 (NOTE-1 BELOW)	1	EA	1	3	6		
73	40H0009	HEATER ELEMENT 240V 3KW	1	EA	1	1	2	1	1
8	MC3133	SIDE PANEL (R/H)	1	EA	1	2	4		
22	MC3230X02	SOLID DOOR ASSY	1	EA	1	3	6		
131	P10C0148	MENUKEY ASSEMBLY	1	EA	1	3	6		
129	P10H0053	TURNTABLE MOTOR SERVICE	1	EA	1	3	6		1
130	P11H0058	HT DIODE PCB ASSY	1	EA	2	6	12	1	1
98	P11H0066	401 EC **MK LOGIC** PCB ASSY	1	EA	1	2	4		1
95	P11H0067	401 EC MK MEMBRANE PANEL ASSY	1	EA	1	2	4		1
103	P11H0077	401 - S/STATE **RELAY** PCB ASSY	1	EA	1	2	4		1
135-136A-137	P11H0086	EC403 CAT ASSY (REMOVABLE)	1	EA	1	2	4		1
90	P30Z1233	50HZ TRANS MULTI 220 240	2	EA	2	6	12	1	1
4	RMC6759E	TOP PLATE	1	EA	1	2	4		
		Merrychef EC401 XX5 - 220Volts 60Hz - INT - Unique Parts							
115a	10H0063	401/3 XX5 2P SUPPLY KIT 2P+N+E	1	EA	1	3	6		
115	10H0065	401/3 XX5 SUPPLY KIY 1P+N+E	1	EA	1	3	6		
102	30Z0283	470R 50W 5% AC	2	EA	2	6	12	1	2
128	30Z1190	MAG COOLING FAN XX5 220V 60Hz	1	EA	1	3	6		1
76	30Z1249	0.6uF CAPACITOR 2500V	1	EA	1	3	6	1	2
76	30Z1329	0.75uF CAPACITOR 2500V	1	EA	1	3	6	1	2
117	310010	FAN 80MM 240V AXIAL	2	EA	2	6	12		1
112	31Z1070	CABLE GLAND POZ16 (NOTE-1 BELOW)	1	EA	1	3	6		
112A	31Z1082	CABLE GLAND NUT GM16 (NOTE-1 BELOW)	1	EA	1	3	6		
73	40H0077	HEATER ELEMENT 220V 3KW	1	EA	1	3	6	1	1
8	MC3133	SIDE PANEL (R/H)	1	EA	1	2	4		
22	MC3230X02	SOLID DOOR ASSY	1	EA	1	3	6		
131	P10C0148	MENUKEY ASSEMBLY	1	EA	1	3	6		
129	P10H0053	TURNTABLE MOTOR SERVICE	1	EA	1	3	6		1
130	P11H0058	HT DIODE PCB ASSY	1	EA	2	6	12	1	1
98	P11H0066	401 EC **MK LOGIC** PCB ASSY	1	EA	1	2	4		1
95	P11H0067	401 EC MK MEMBRANE PANEL ASSY	1	EA	1	2	4		1
103	P11H0077	401 - S/STATE **RELAY** PCB ASSY	1	EA	1	2	4		1
135-136A-137	P11H0086	EC403 CAT ASSY (REMOVABLE)	1	EA	1	2	4		1
90	P30Z1230	60HZ TRANS MULTI 220 240	2	EA	2	6	12	1	1
4	RMC6759E	TOP PLATE	1	EA	1	2	4		
		Merrychef EC401 - 230Volts 50Hz - SOLID BASE - Unique Parts							
		All The Same Parts As EC401 - XX5 - Except For The Changes Below							
139	30Z1395	MICROSWITCH BUTTON PLUNGER	1	EA	1	3	6	4	4
138	30Z1396	MICROSWITCH SHORT LEVER	1	EA	1	3	6	4	4
113	31Z0604	PLUG+LEAD 2M RUBBER UK (NOTE-1 BELOW)	1	EA	1	3	6		
113	31Z0605	PLUG+LEAD 2M RUBBER EU (NOTE-1 BELOW)	1	EA	1	3	6		
140	40H0259	RUBBER BASE SEAL LONG	2	EA	2	6	12		
140	40H0260	RUBBER BASE SEAL SHORT	2	EA	2	6	12		
8	MC3145	SIDE PANEL (R/H)	1	EA	1	3	6		
22	MC3230MCX03	SOLID DOOR ASSY (SOLID BASE)	1	EA	1	3	6		
104	MC3789MC	DECORATIVE FRAME LHS	1	EA	1	3	6		
138 -139	P11H0107	EC400 PRIMARY MONITOR S/W ASSY	1	EA	1	3	6		
141	P11H0119	TEMPERATURE ADJUSTMENT ASSY (XX5)	1	EA	1	2	4		
4	RMC6759EMC	TOP PLATE	1	EA	1	2	4		

NOTES: **NOTE-1** From September 2010 Mains Cable Assembly & Strain Relief changed from 31Z0220 & 31Z1036

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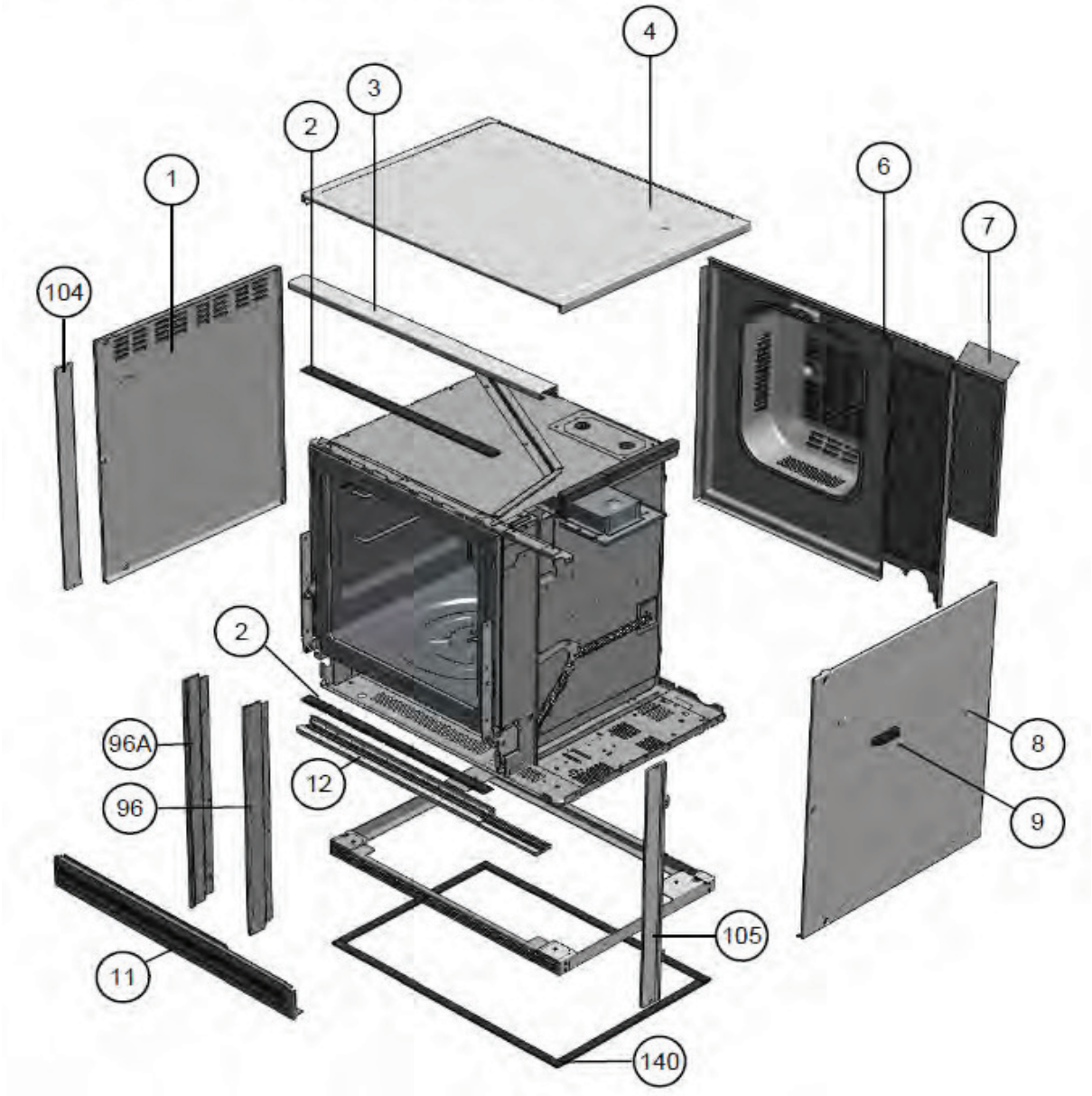
Merrychef 401 - 240 Volts 50HZ - All Models

Recommended Parts List | **Recommended Minimum Stock Holding & Service Kits**

Service Manual Exploded View	Part Number	Description	Qty Per Oven	Unit	1-5 Ovens	5-50 Ovens	50-100 Ovens	1st Aid/To Go Box	Service Centre Kit

Principal components: casework



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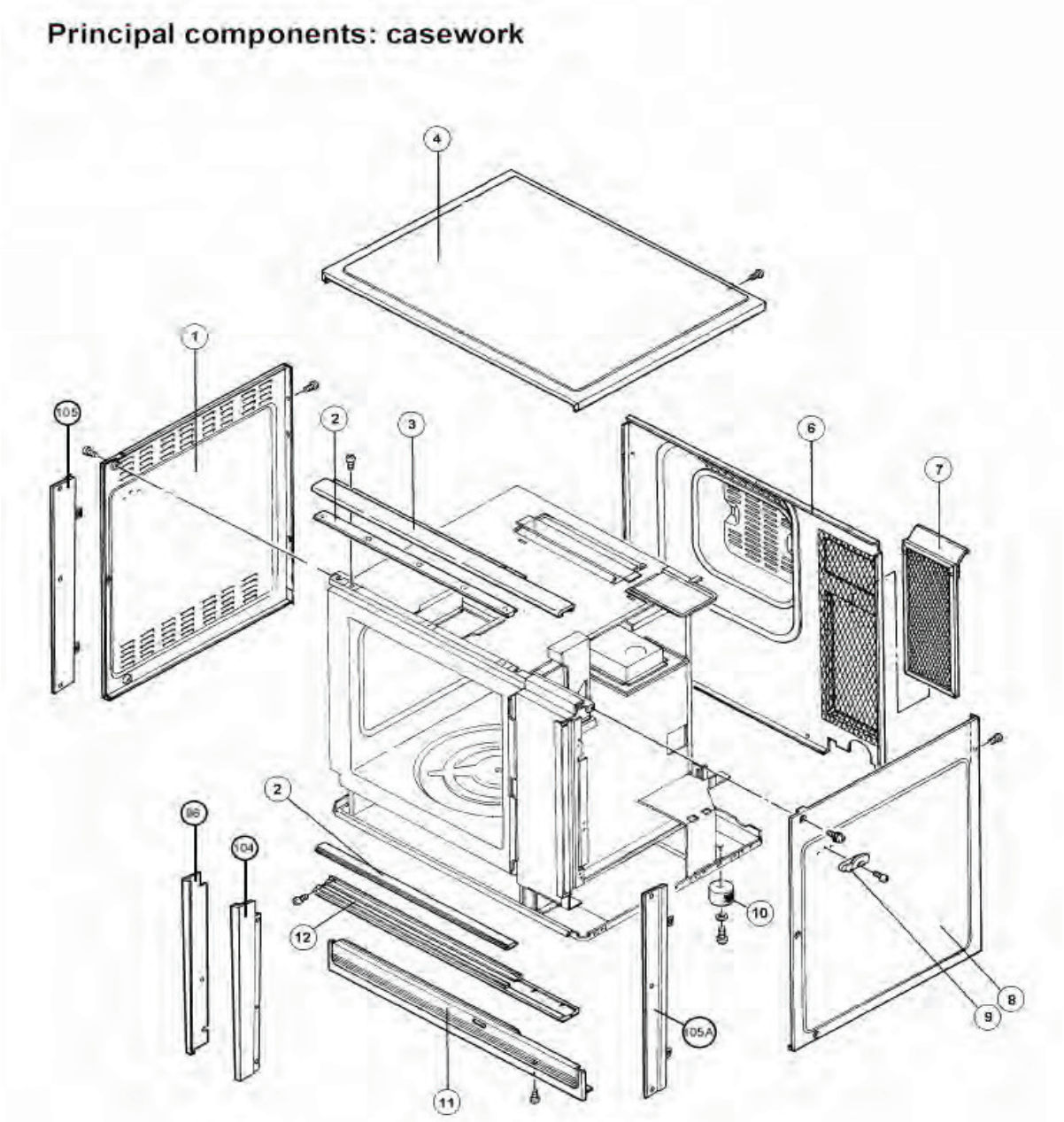
Principal components: casework



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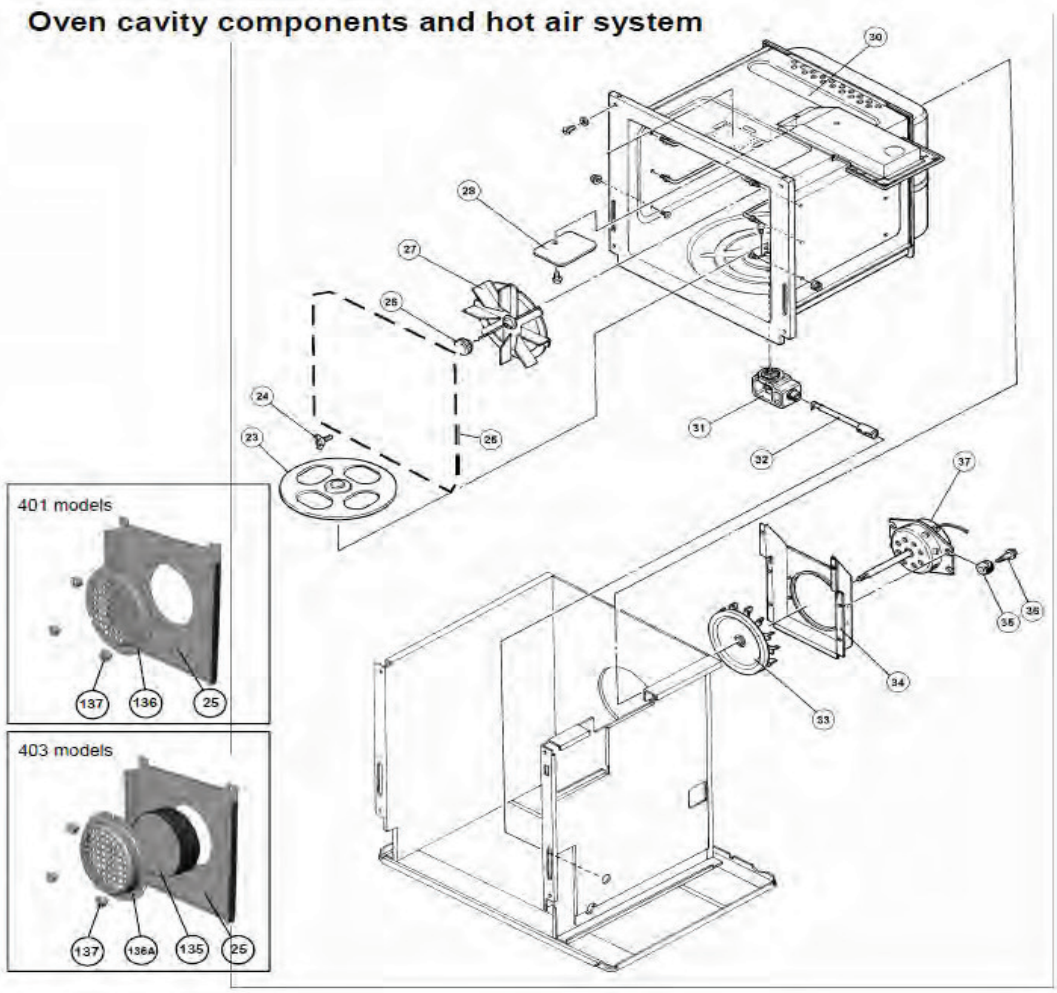
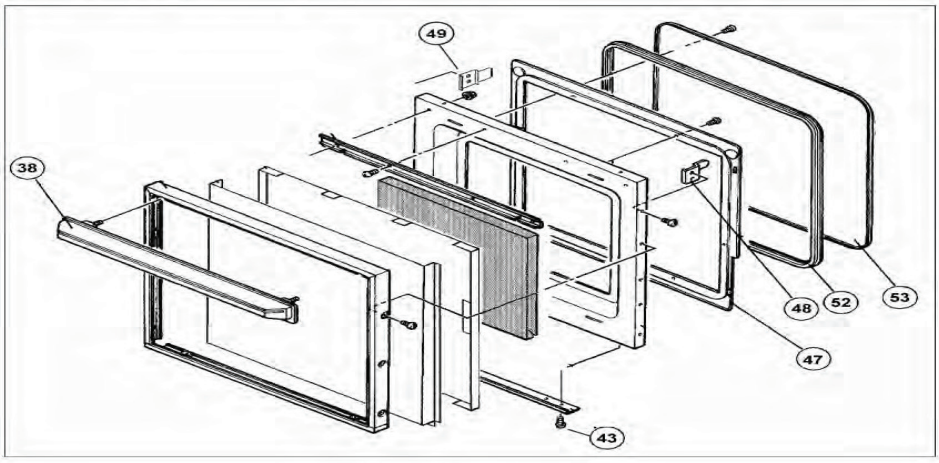
Oven cavity components and hot air system



Oven door assembly



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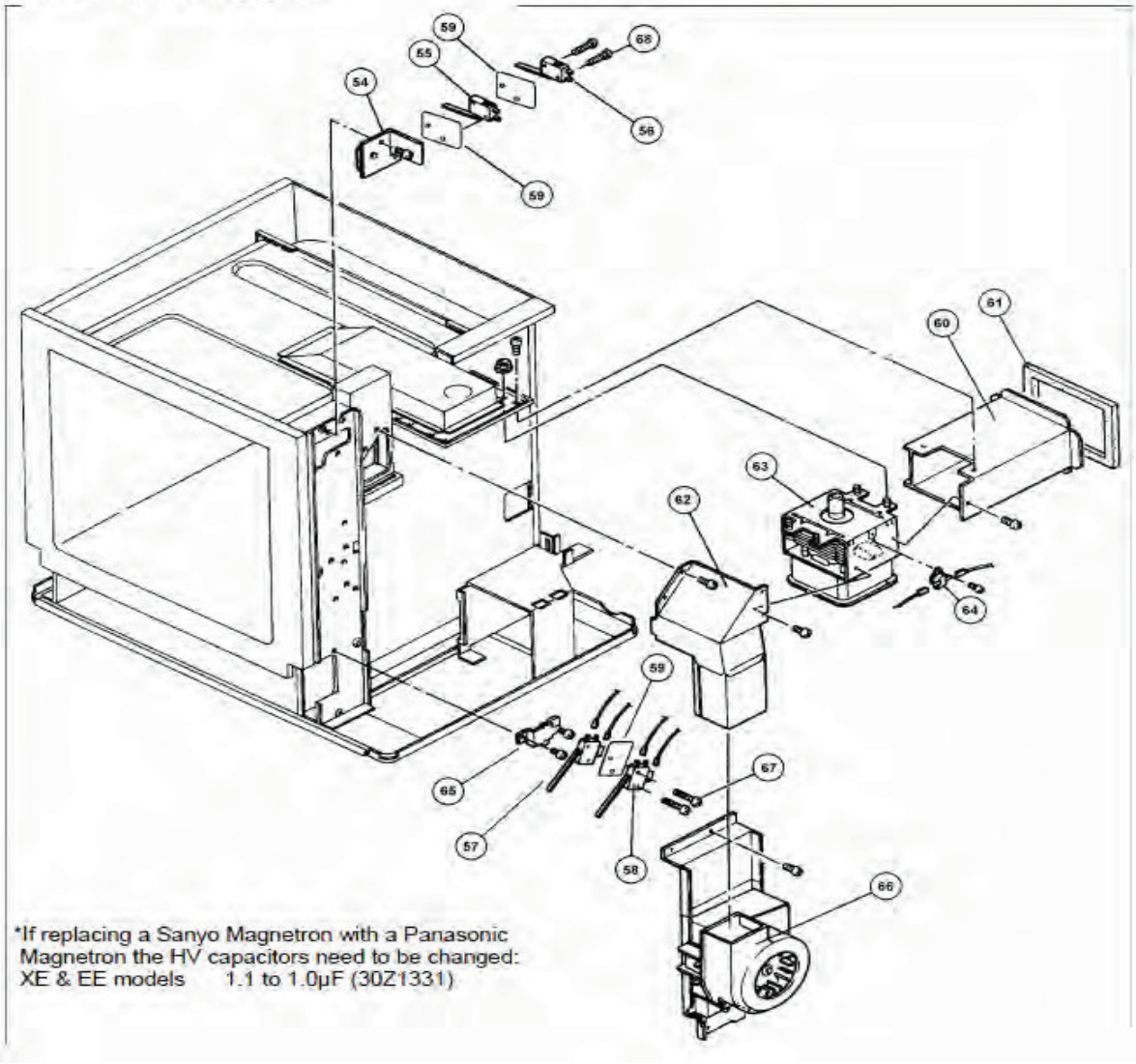
Magnetron and door interlock components

Model RMC1003_ _EE5
Model RMC1003_ _XE5



*If replacing a Sanyo Magnetron with a Panasonic Magnetron the HV capacitors need to be changed:
XE & EE models 1.1 to 1.0µF (30Z1331)

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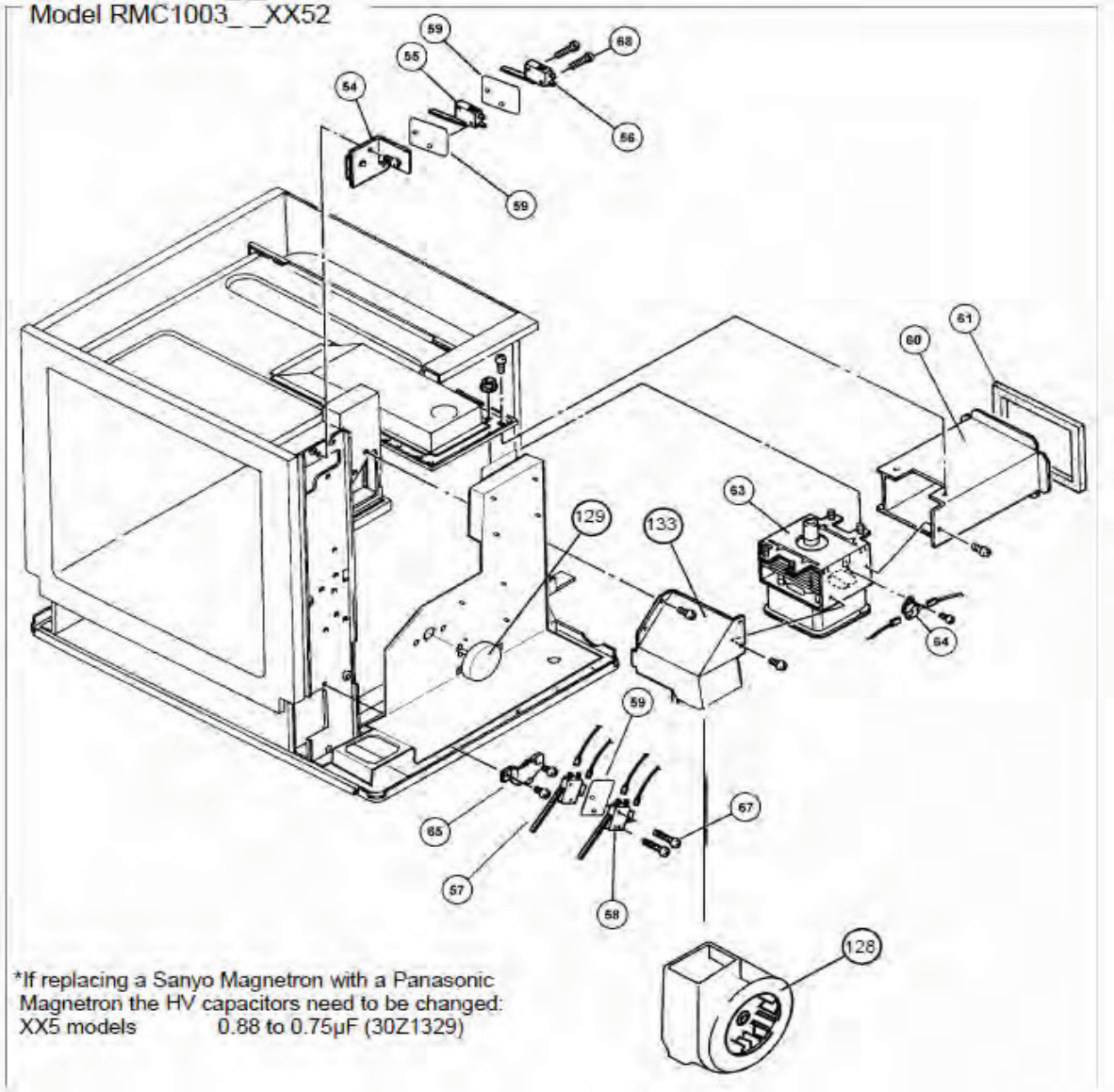
Magnetron and door interlock components

Model RMC1003_ _XX5
Model RMC1003_ _XX52



*If replacing a Sanyo Magnetron with a Panasonic Magnetron the HV capacitors need to be changed:
XX5 models 0.88 to 0.75µF (30Z1329)

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